

IN THE SPECIFICATION

Delete the sequence listing in the specification and substitute with the attached replacement sequence listing as separate pages.

Page 1, replace the title with:

Phosphoriboxyl-Pyrophosphate Synthetase Polypeptide.

Page 6, amend the material on lines 30-32, as follows:

KPR5: 5'-GATGCTAGAGACCGCGGGGTGCAAC -3' (SEQ ID NO:14)

KPR3: 5'-TGTCCGCCATGTCGTCTACAATAATA -3' (SEQ ID NO:15)

Page 8, amend the material on the first two lines as follows:

ADE4A: 5'-ATATCTTGATGAAGACGTTACACCGT -3' (SEQ ID NO:16)

ADE4B: 5'-GATAATGACGGCTTGGCCGGGAAGA -3' (SEQ ID NO:17)

Page 8, amend the material on the last line as follows:

IMP5: 5'-GGCATCAACCTCGAGGAGGCGAACC -3' (SEQ ID NO:18)

Page 9, amend the material on the first line as follows:

IMP3: 5'-CAGACCGGCCTCGACCAGCATCGCC = 3' (SEQ ID NO:19)

Page 9, amend the material on the last line as follows:

GUA2A: 5'-TGGACCGGGCGGTGTTTCGAGTTGGG - 3' (SEQ ID NO:20)

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Page 10, amend the material on the first line as follows:

GUA2B: 5' - AGGCTGGATCCTGGCTGCCTCGCGC -3' (SEQ ID NO:21)

Page 16, line 42, insert the heading:

Brief Description of the Drawings.